

WHAT IS CLAIMED IS:

1. A sample rack handling system comprising a rack transportation assembly having a passage capable of transporting a sample rack holding a sample, the rack transportation assembly being to be installed on a floor surface; and a treatment unit structure having a rack transferring area for sending out and receiving the sample rack to and from said passage, the treatment unit structure being capable of being combined with said rack transportation assembly, which further comprises:
- 5 a projecting member formed in said rack transportation assembly below said passage, the projecting member projecting forward from said rack transportation assembly;
- 10 a first reference surface facing upward formed on an upper surface of said projecting member;
- 15 a plurality of adjusters for adjusting height, the adjuster being attached at a position lower than said projecting member in said rack transportation assembly;
- 20 a second reference surface facing downward formed at a position near a back surface of said treatment unit structure lower than said rack transferring area;
- casters to be used so as to contact to said floor surface when said treatment unit structure is moved on the floor surface, the caster being arranged at a position lower than said second reference surface in said treatment unit structure; and
- 25

wherein a plurality of treatment unit structures are combined with one rack transportation assembly.

5. A sample rack handling system according to claim 1,
5 wherein said rack transportation assembly includes a
platform having said projecting member and said plurality
of adjusters; and a rack transportation mechanism having
said passage, the rack transportation mechanism being
attached onto said platform.

10 6. A sample rack handling system according to claim 1,
wherein said treatment unit structure comprises a plurality
of vertical stripes formed in an equal interval on a front
surface of said treatment unit structure, and a width
15 dimension of said treatment unit structure is integer times
of the interval of said stripes.